

0842

1955

Aug 11. Oklahoma

A11¹ Shale and thin ls beds on east side of road underlying a limestone marked as Frenzley ls. I think this may be where I collected in 1947. *M. baydenensis* is fairly common. I estimate the Frenzley ls to be 0.28 mile south of the bridge over Oil Creek. The Frenzley ls is in the NW 1/4 SE 1/4 32-35-4E, Jolieton Co.

A11² Is the shale just under the Frenzley limestone. Abundant *Mesolobus*. This is where I collected in 1947.

A11³ Is about 1000' SE of road and just above a thin limestone

~~sp. rock~~ ^{Frenzley}
155 FT FEB 16, 1955

Aug. 12.

A12¹ Pumphkin Creek, 0.1 mile south of NW cor 29-35-2E, Carter Co.

A12² Some 100 yds E of NW cor. 29-35-2E.

A12³ 0.1 mile N of road, SW 1/4 SE 1/4 4-35-1E, Carter Co. 'Sity loc. 4035.

A12⁴ NW cor 33-35-1E, Carter Co., Okla
Williams

A12⁵ O'Neill - 600 feet S of NW cor
5-65-2E, Love Co., Okla.

0843

Aug. 16.

Four kegs packed at Muskogee, all
of Mayes. Keg #4 contains one lot
on top half of keg without label.
This was collected Aug. 16 in
afternoon inside loop of Okla 10
cf 3½ to 4 miles SE of Fort
Sillson, about center 5½ of NW ¼
21-15N-20E, Hulbert \square , Oklahoma.

Beds with big productus + Centronella
very near top of Moorefield. These
are underlain by granular ls. with
large Flexaria and Inflata like
I. inflatus of the Chester. These
however underlie the big productus
bed which has Moorefieldella.

Beds with big spirifer just underlie
the Flexaria beds and under these
is a layer teeming with Moorefieldella.
Under this some distance comes

Martini - big Lingula productus bed. Below
that the rocks are quite shaly.

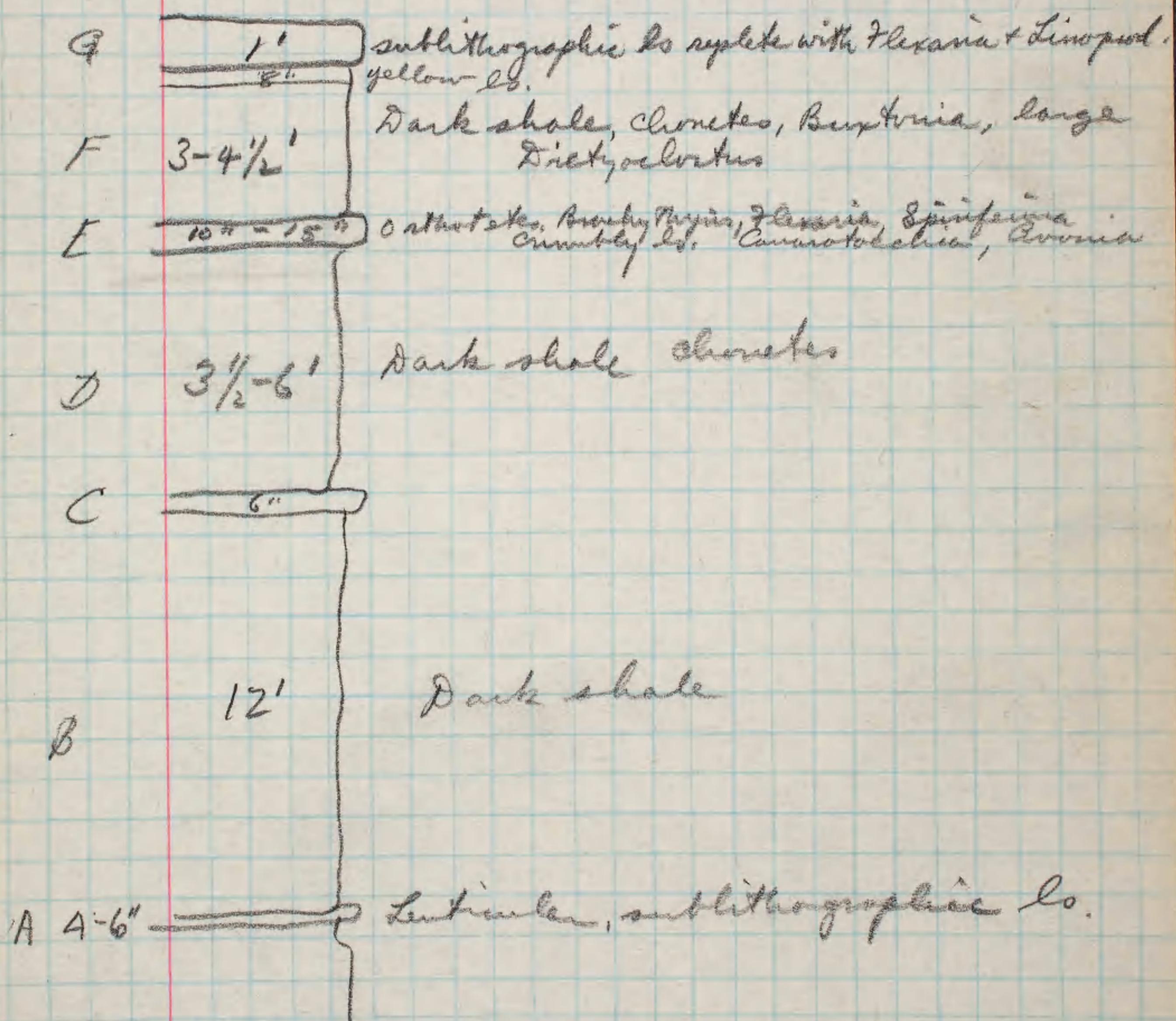
Beds with big spirifer and turbidites
is just below the Flexaria bed.

Athyrid in Fayetteville on Okla 10
is near base of shale. This near
center SE ¼ NW ¼ 21-15N-20E.

0844

August 18

Section on east-facing bluff
 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 7 - 22N - 20E, Mayes Co., Ok.



Exposure at NW $\frac{1}{4}$ SE $\frac{1}{4}$ 31 - 23N - 20E
 Mayes Co. seems to be same horizon
 as E.

0845

August 15

A 1855 - Granular limestone with
Archimedes, Diaphragmus, probably
Hindsville

1855' Quarry in upper part Hindsville
Camarotoechia common, Perlitocardina
rare.

SW cor. 15-25 N-21 E, Craig Co., Okla.
Where cl got big. Gigantop bivalves -
like brachiopods is certainly
Hindsville.

A 1855² - Fayetteville - many orthids.
Center 5 1/2 NE 1/4 10-25 N-21 E, Craig Co.

Aug. 22

Abandoned quarry about SE 1/4 NW 1/4
34-26 N-3 P.W., 4 1/2 mi. SSE of
Diamond, Mo.

0846

August 27

Section at Grand Summit
about 1/2 miles NE of Station.

Slabs with interiors of *Juncosania*
come on top of limestone capping
the Floraena (= Morrell ls.) or
Stearns shale

==== *Juncosania* common
===== thick ls.

xxxx Sh + nodular ls., level of fossils

sh

===== ls

Red sh ls.

sh.

} thick ls.

Aug. 28

Old locality for silicified Derbyia
is $3\frac{1}{2}$ mi. N of center of Dexter
about center east line 36-325-6E
First cut from S is 3 mi north
of Dexter. Second cut is 3.5 miles
N and is one from which most
silicified stuff comes. Second cut
is about 0.1 mi. S of NE $\frac{1}{4}$ 36-325-6E

0847

at Junction Kans. 38 + 1/2 exposure
of flinty limestone = Florena
ls. We collected from a shale
possibly Blue Spring shale.

Just east (downhill) from
intersection is road cut with
Darbyia cyathula at base
This is in Cheyenne ls., The Waukon
and is about $\frac{1}{4}$ mile E of Florena
cliff cut and probably 50' + below
it.

0.2 mile W of Elk-Cowley Co.
line, good Florena beside road

Just over RR track about 1 mile
on US 166 is a poor cut in top
Florena. Second cut about 0.2 mi. W
and 30' higher is in algae beds
same as seen first east of
Hoover. *Darbyia hooverensis*
must therefore be out of the
Florena

0848

Aug 30
US 77 about $5\frac{1}{2}$ mi S of Junction City

Fort Riley

non-cherty yellow ls
8-10'

shaly, bright blue
Squamaria 4-5'

cherty ls 3'

shale blue 1-2'

15'
cherty
ls

cherty ls.

Cherty
ls.

Blue
5-6'

Blue & chocolate shale
20-25'

0849

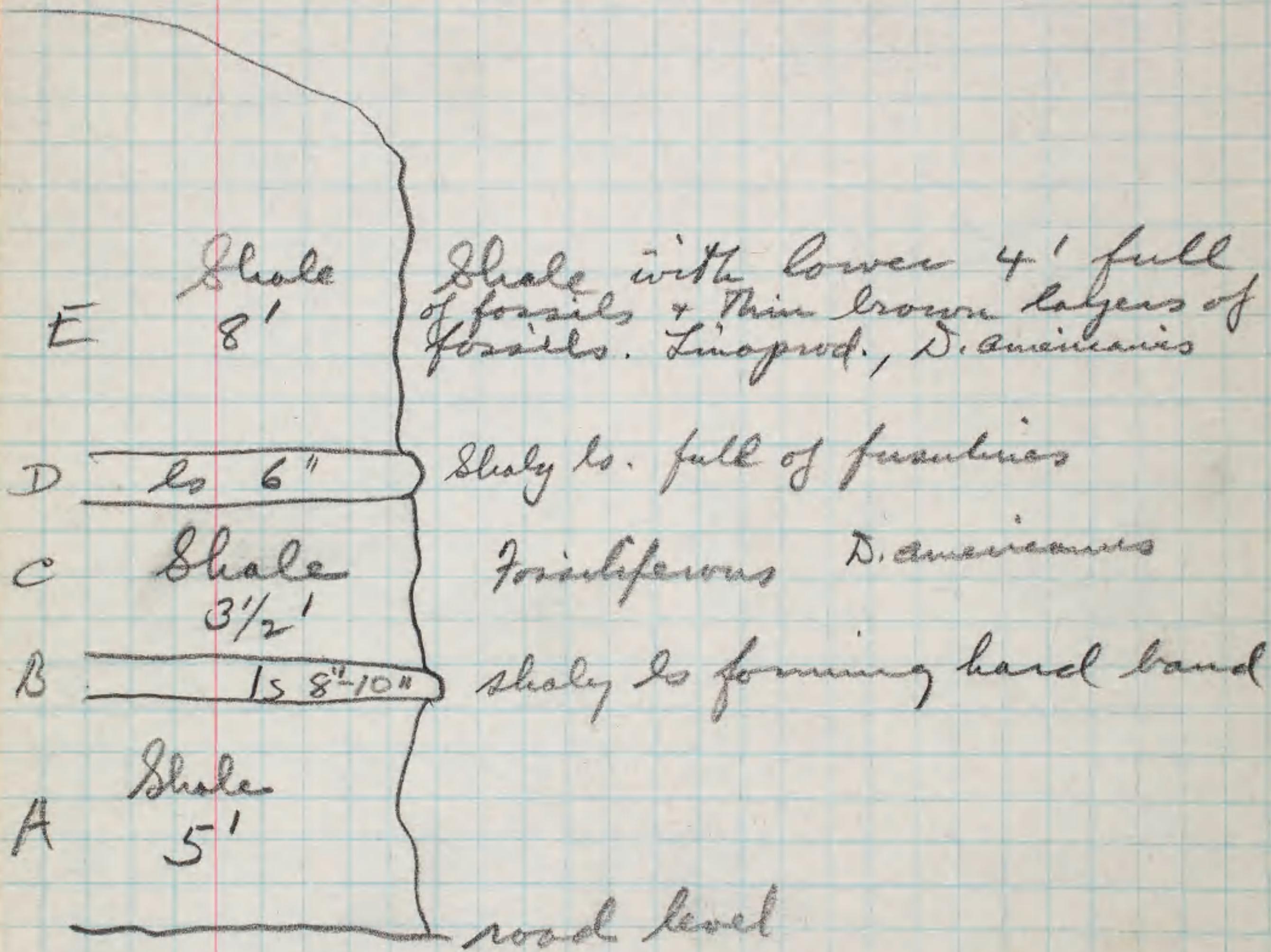
Locality Stop 7 Kansas Guide #6

at Stop 7 on W side Mo. Pac.
overlying Dubois ls in ditch &
Holt sh just above. Along RR
to NW about $\frac{1}{4}$ mile nodular
limestone full of fossils. The
Dendryia Bennett comes from just
above the Dubois while the larger
fossils come from about middle
of Holt shale. All belongs to
Topeka fm.

0850

Sept 5

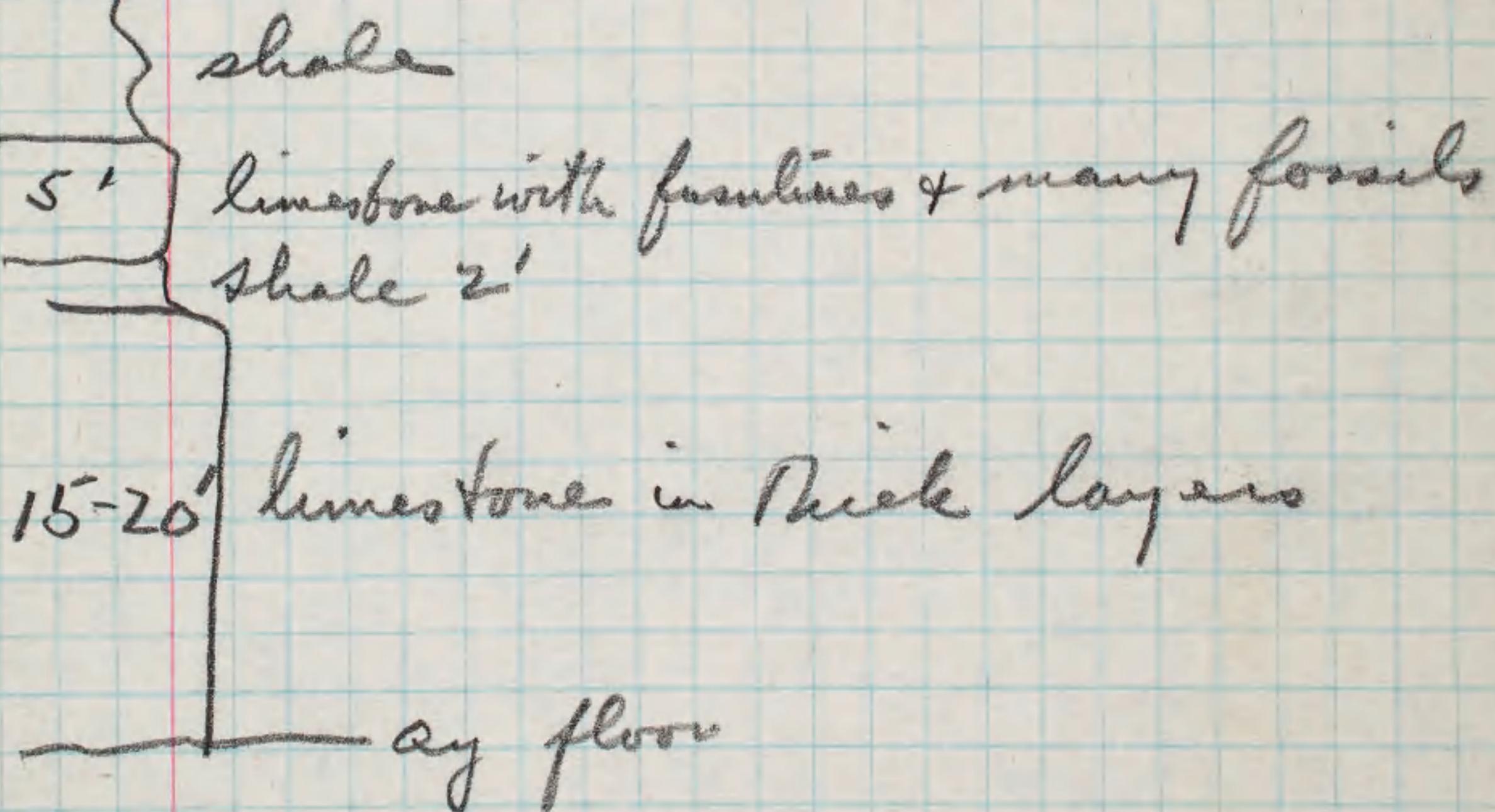
Section just east of western bend
of S bend on US 75 south of
Dawson.



Fossils from c, D & lower half E.

0851

Sept. 15.
On 0.2 mile east of junction
I8 24 & 48 59, N of I8 24 about
2 miles ^{3 miles} Hamm's Quarry East
of Perry. The 5' bed is irregularly
bedded, light blue when fresh,
but turns brown on exposure.



0852

Sept 6

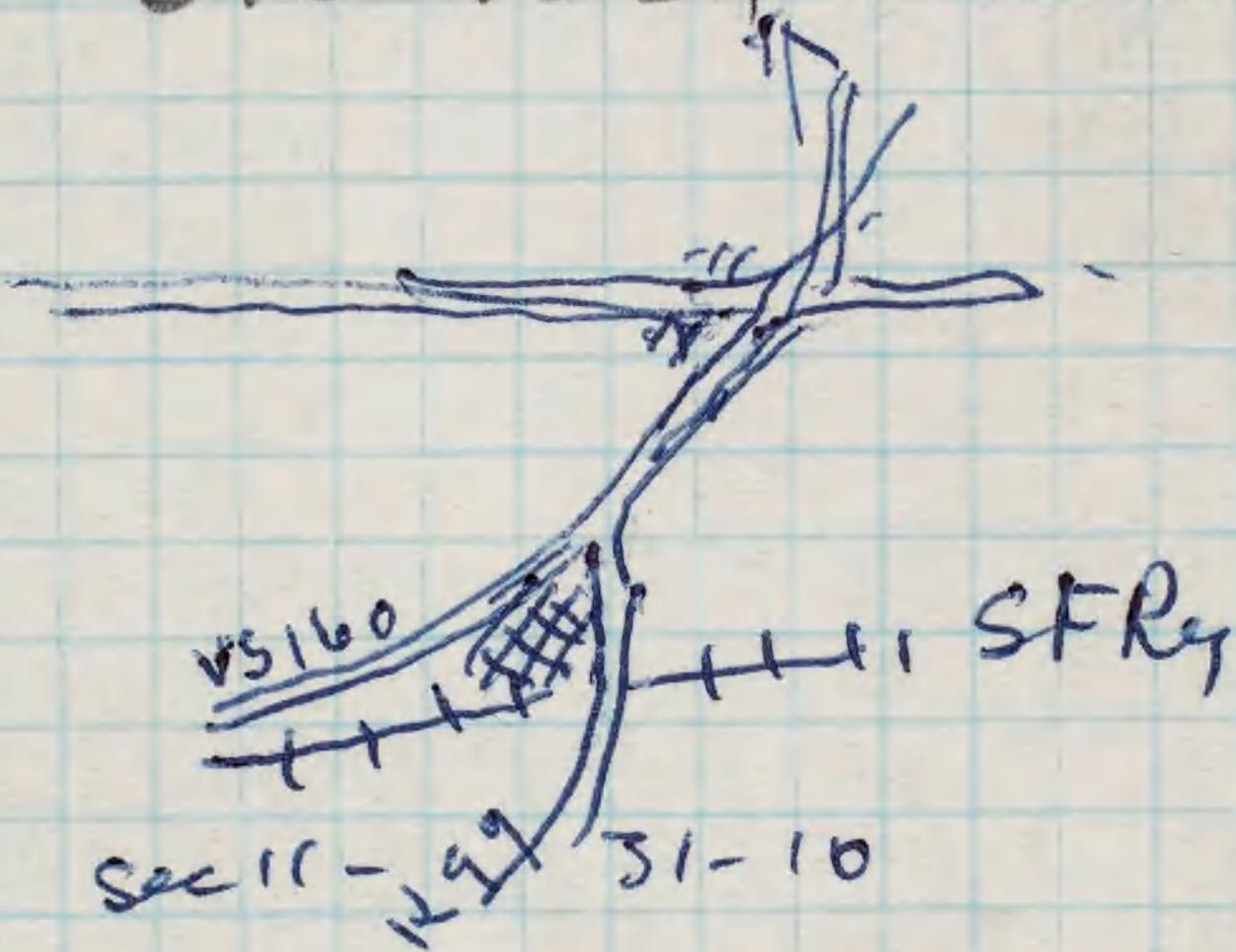
Letter to R.C.M. about tractive
status, word from Williams, etc.

Moline (1 mi NE)
Just W.

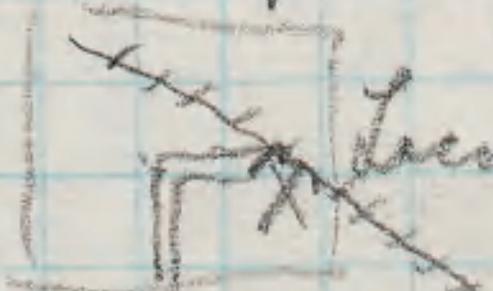
Borrow pit at junction 99 + 160.

just N of RR just W section
11 - 315 - 10 E, Elk Co.

check



Quarry at Leacompton for Kewford



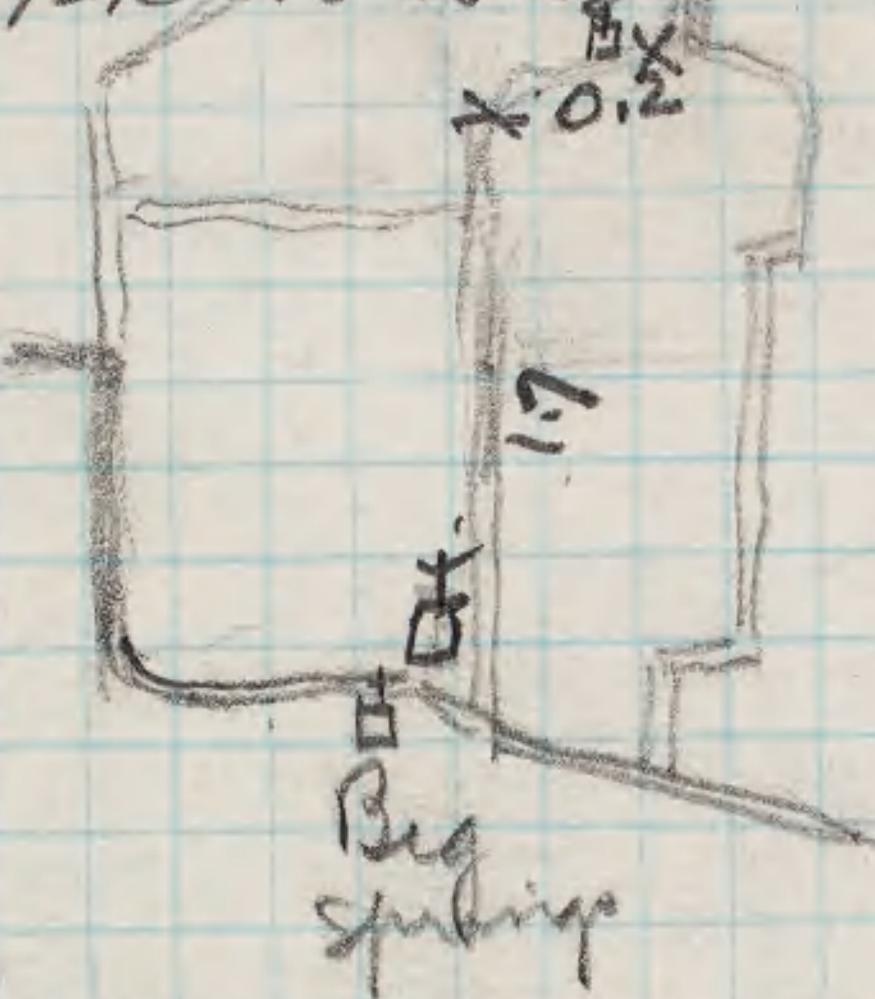
Leacompton Upper part is Kewford
Look for Poikilosabos

Adams Ry at Midland - one mile
west quarry in road. for Poikilosabos

0853

North of Big Springs for
Leomington (bird)

Big Springs, take road just E of
B. S., go N 2 miles to school, take
road ~~short~~ school, west along
RR to west

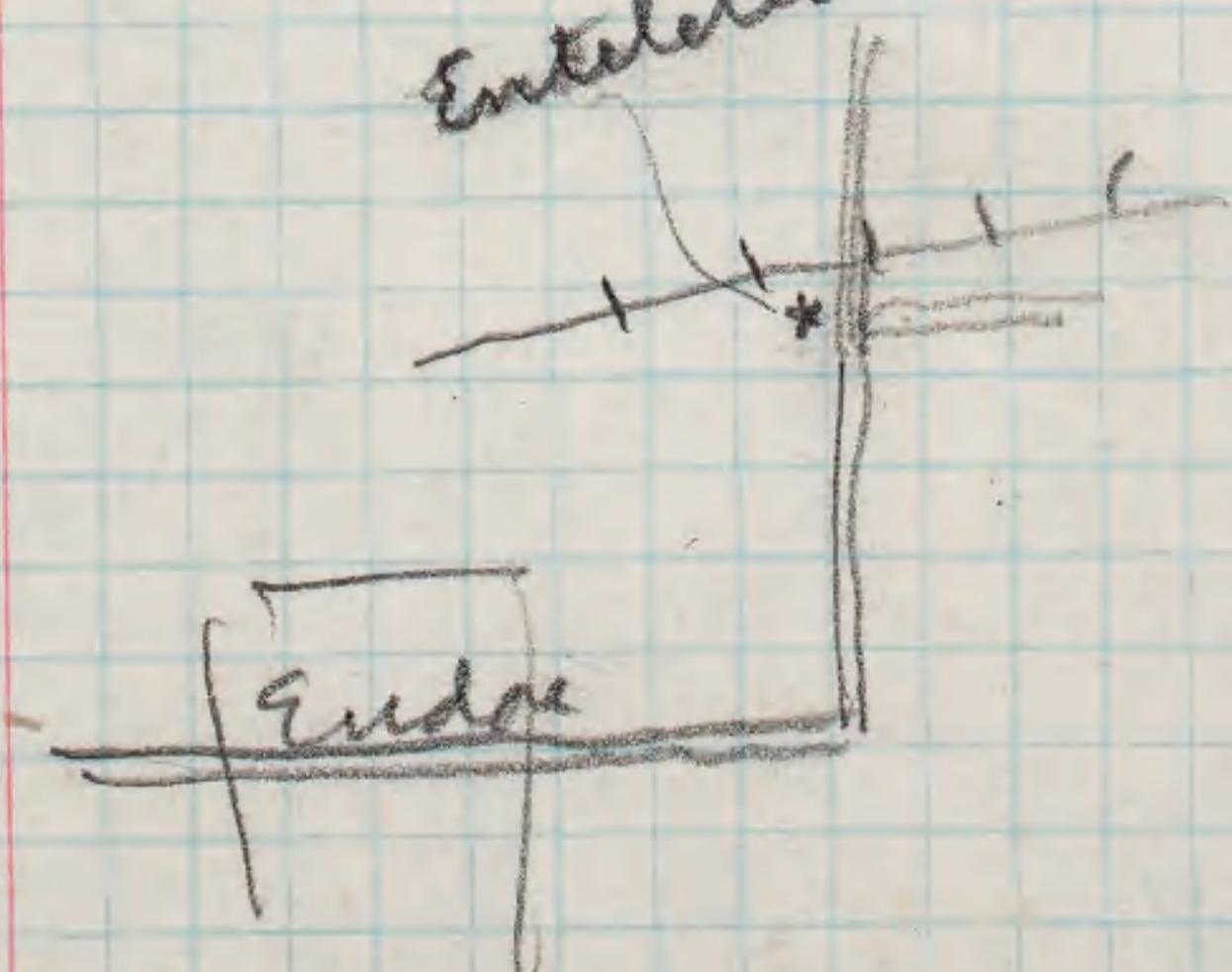


76.90
76.45 at RR
75.6
75.4
73.7 3.4

3.4 miles N to RR,
1/2 mi west along
RR tracks.

Eudora

Entebeten



0854

M. L. Stryker at Fredonia - Oil
geologist Fredonia Qy in
Stanton.

Chamute

Vilas - W of Chamute

1/2 mi E of Vilas, cut on RR
E of road crossing. Crossing
of RR of my 39

Just S of Humboldt, Qy in Iola

Quarry for clola in cement
Qy south of clola on E.

✓ Abandoned Quarry for Iola ls.
just N of Mildred about one
mile, west of road.

RR cut at Hoover is south of
US 160 on big loop.

0855

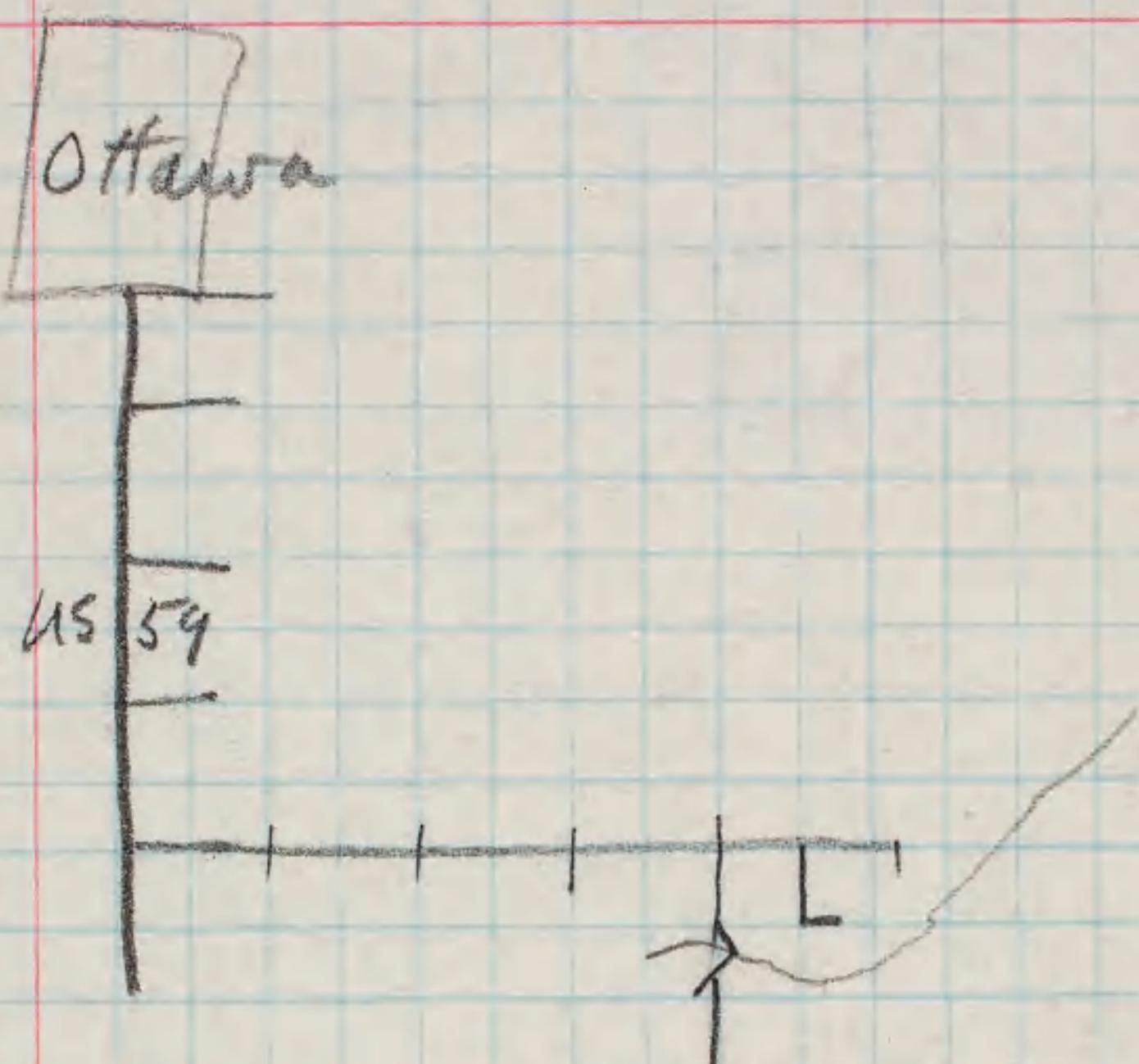
Check & send Ray general
Survey on Coverage

Melvern - Edge of town.

Send Ralph King Mexican Permian

0856

NW 1/4 27-175-20E



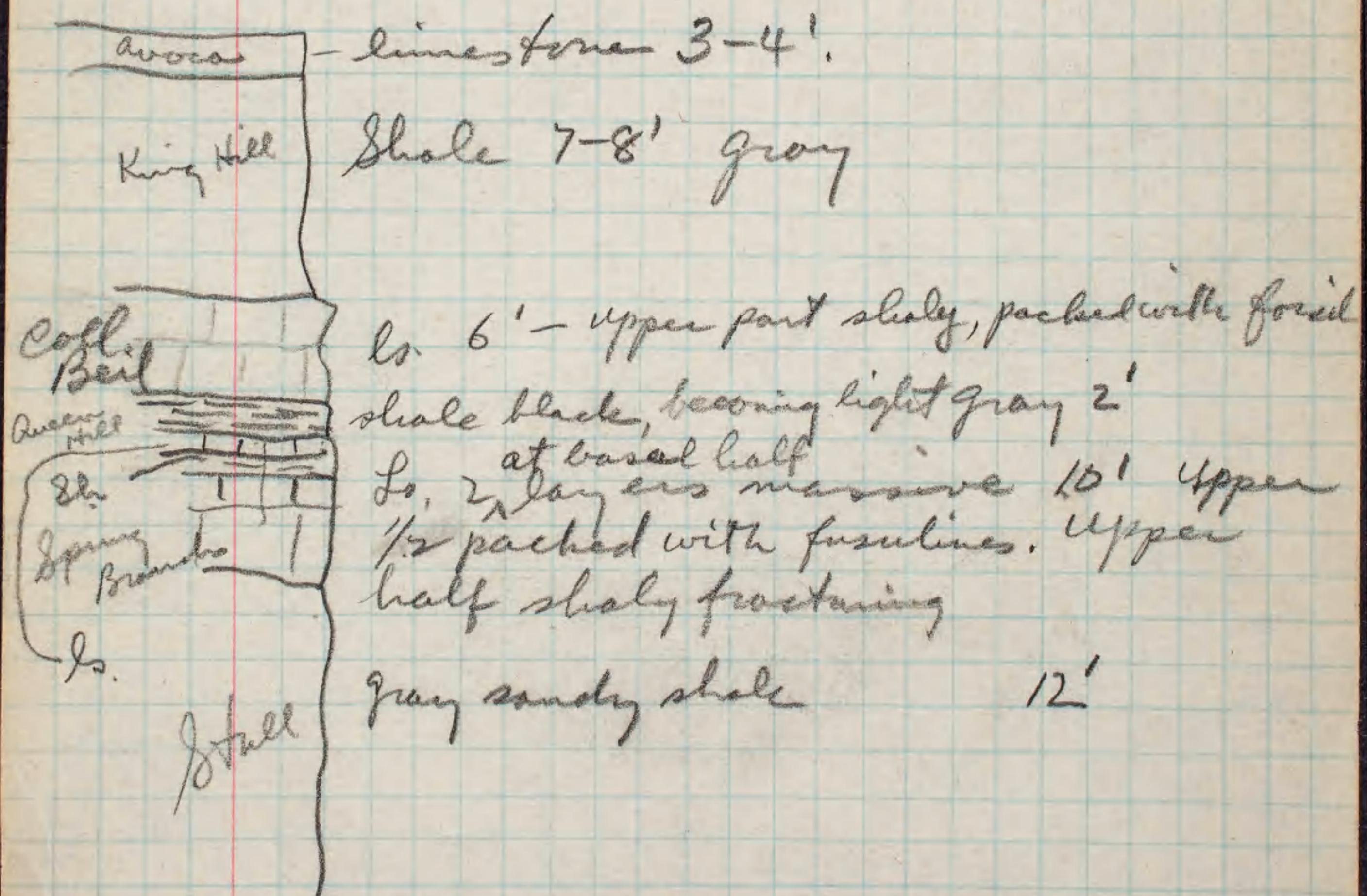
lept 7

2nd east rd. S of Michigan Valley
to RR tracks, $\frac{1}{4}$ mile south
on RR.

0857

Sept 9.

Along RR 3.5 mi N + $\frac{1}{2}$ mile W
of Big Springs, Kansas



76 all

May 12, 1963
Hill east of Pompey Center on US 20

Hard inequably
bedded ss. with 16'
Same as near top
of Delfinstation at head of road.

Crumbly but
finer than
below, many
mollusks scattered
in rock

Crumbly gray
shale with
Benthopis + *Doxoneum*

Inipidolepis zone 5-6'

Mottville 15'

98'

Fully, one mile west of Cuyler has 6-7'
of Tinkers Falls member at base.